



'STUBBY' ELECTROMAGNET

Ambient 32° C. Magnet pre-heated for 30 Minutes on 12v. DC

Note: not guaranteed performance figures

Voltage DC	Breakaway Load Kgs No air-gap			Breakaway Load Kgs 0.8mm air-gap			Breakaway Load Kgs 1.6mm air-gap		Slide Test Face Contact		
	12	24	48	12	24	48	12	24	12	24	48
0.53 mm Black cold-rolled Mild Steel	2	3	3.5	1	1.5	2		1	2	2.2	2.8
1.19 mm Black cold-rolled Mild Steel	8	9	12	3.5	4	7	1.5	2.5	4	4	6.7
1.98 mm Black cold-rolled Mild Steel	18	22		3.5	9		1.5	4	10	9	
2.90 mm Black cold-rolled Mild Steel	34	>60		3.5	12		1.5	4	14	19	
4.90 mm Black cold-rolled Mild Steel	46	>60		3.5	12		1.5	4	14	22	
12.7 mm Black cold-rolled Mild Steel	>60	>60		3.5	12		1.5	4	18	26	

Tests conducted with typical production unit. Some variation in results can be expected consistent with Normal machining and coil-winding tolerances during production.

12 v. DC 240 mA: 24 v. DC 480 mA: 32 v. DC 640 mA

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